Please replace the claims, including all prior versions, with the listing of claims below.

Listing of Claims:

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Claim 1. (Currently amended) <u>A Method method</u> for producing an integrated circuit (23) with a rewiring device (18, 19), having the following stepscomprising:

provision of providing a carrier device (10) with predefined or subsequently patterned cutouts-(11);

application of applying at least one integrated circuit (14) upside down to the carrier device (10) in such a way that the defined cutouts (11) of the carrier device (10) are located above at least one connection device (15) of the integrated circuit (14);

application of applying an insulation device (17) to that a side of the carrier device (10) which is not covered by the integrated circuit (14), omitting the at least one connection device (15) in the cutout (11);

application of applying the patterned rewiring device (18, 19) to the insulation device (17);

application of applying a patterned solder resist device (20) to the patterned rewiring device (18, 19); and

patterned application of applying, in a patterned manner, solder balls (22) on sections (21) of the rewiring device (18) which are not covered by the patterned solder resist device (20).

Claim 2. (Currently amended) <u>The Method method</u> according to <u>Claim laim</u> 1, <u>characterized</u> wherein

4

Claim 3. (Currently amended) The Method according to Claim 1 or 2, characterized in that claim 1, wherein, before the application of the integrated circuit (14), an adhesive (12) is applied to the carrier device (10).

Claim 4. (Currently amended) The Method method according to one of the preceding claims, characterized in that claim 1, wherein the carrier device (10) is clamped in a clamping-in device (13) such as e.g. a frame.

Claim 5. (Currently amended) The Method according to one of the preceding claims, characterized in that claim 1, wherein a multiplicity of integrated circuits (14) are applied to the carrier device (10) by means of a placement device, such as e.g. a pick-and place tool.

Claim 6. (Currently amended) The Method method according to one of the preceding claims, characterized in that claim 1, wherein a protection device (16) is applied above the carrier device (10) and the at least one integrated circuit (14) applied.

Claim 7. (Currently amended) The Method according to Claim 6, characterized in that claim 6, wherein the protection device (16) is applied in an injection-molding or another potting or printing process and/or is subsequently partly or completely cured.

Claim 8. (Currently amended) The Method method according to one of the preceding claims,

Application No.: New Application

Docket No.: 543822002000

characterized

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in that claim 8, wherein a polymer is applied as the insulation device (17).

Claim 9. (Currently amended) <u>The Method method</u> according to one of the preceding claims, characterized

5

in that claim 8, wherein the insulation device (17) is printed on or produced in a photolithographic process.

Claim 10. (Currently amended) <u>The Method method</u> according to one of the preceding claims, characterized

in that claim 8, wherein the patterned rewiring device (18, 19) is applied to the insulation device (17) by means of the following steps:

application of applying a carrier metallization to the insulation device-(17);

applicationapplying and patterning of a mask on the carrier metallization;

application of applying a conductor track metallization in regions of the carrier metallization which are not covered by the patterned mask;

removal ofremoving the mask; and

patterning of the carrier metallization in accordance with the conductor track metallization structure.

Claim 11. (Currently amended) <u>The Method method</u> according to <u>Claim 10</u>, characterized

in that claim 10, wherein the carrier metallization is sputtered on and/or the mask is patterned photolithographically and/or the conductor track metallization (18) is electrochemically plated and/or the carrier metallization is patterned in anby etching step.

Application No.: New Application

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Claim 12. (Currently amended) <u>The Method method</u> according to one of the preceding claims, characterized in that claim 1, wherein the solder resist device (20) has a polymer.

Claim 13. (Currently amended) <u>The Method method</u> according to one of the preceding claims, characterized in that claim 1, wherein the solder resist device (20) is printed on.

Claim 14. (Currently amended) <u>The Method method</u> according to one of the preceding claims, characterized in that claim 1, wherein the solder balls (22) are applied in patterned fashion in a printing process

and are subsequently reliquefied, preferably in a reflow furnace.

Claim 15. (Currently amended) <u>The Method method</u> according to one of the preceding claims, characterized

in that claim 1, wherein a multiplicity of integrated circuits (14) on a carrier device (10), after the application of the solder balls (22), are separated into individual integrated circuits (23) or groups of integrated circuits (23).

Claim 16. (Currently amended) <u>The Method method</u> according to <u>Claimclaim</u> 15, characterized

in that wherein a multiplicity of integrated circuits (14, 23) with rewiring devices (18, 19) on the carrier device (10) undergo a functional test prior to the separation.

Claim 17. (Currently amended) <u>The Method method</u> according to one of the preceding claims, characterized

in that claim 1, wherein the patterned rewiring device (18, 19) is patterned in such a way that it extends laterally beyond the integrated circuit (14).

Application No.: New Application

Docket

Docket No.: 543822002000

Claim 18. (Currently amended) <u>The Method method</u> according to one of the preceding claims, characterized

7

in that claim 1, wherein multichip modules are formed, which preferably have different individual ICs.

Claim 19. (Currently amended) <u>An Integrated integrated circuit (23)</u> with a rewiring device (18, 19), having comprising:

a carrier device (10) with predefined or subsequently patterned eutoutes (11) cutouts;

at least one integrated circuit (14) upside down on the carrier device (10) in such a way that the defined eutoutes (11)cutouts of the carrier device (10) are located above at least one connection device (15) of the integrated circuit (14);

an insulation device (17) on that a side of the carrier device (10) which is not covered by the integrated circuit (14), omitting the at least one connection device (15) in the cutout (11);

the patterned rewiring device (18, 19) on the insulation device (17);

a patterned solder resist device (20) on the patterned rewiring device (18; 19); and

solder balls (22) on sections (21) on the rewiring device (18) which are not covered by the patterned solder resist device (20).